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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ernst Eberlein et al.

Serial No.: Not assigned

Filed: Herewith

For: Coarse Frequency Synchronisation
In Multicarrier Systems

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Group Art Unit:

Examiner:

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PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This Preliminary Amendment is being filed concurrently with the U.S. national stage entry under 35 U.S.C. § 371 of International Application No. PCT/EP98/02170, which has an International Filing Date of April 14, 1998. Prior to examination and calculation of the filing fees, please amend the national stage application as follows:

IN THE SPECIFICATION:

Please delete the current specification, comprising pages 1-18 and 27 (as amended in the International Preliminary Examination Report dated August 18, 2000) and replace it with the accompanying substitute specification.

IN THE CLAIMS:

Please cancel claims 1-22 annexed to the International Preliminary Examination Report dated February 9, 2000, and substitute the following new claims 23-44:

23. A method of performing a coarse frequency synchronization compensating for a carrier frequency deviation from an oscillator frequency in a demodulation system capable of demodulating a signal having a frame structure comprising at least one

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